As it happens, the plans recommended by the old Sewerage Commission for collecting the sewage and conveying it to filtration beds in Anne Arundel county, are such that with slight modifications they will apply equally well for the scheme of septic tank treatment at or near the old quarantine grounds, or Masonville. We have, therefore, concluded that the best method of proceeding with the work would be to build, first, low level interceptors, pumping station, and force main as far as the old quarantine ground, or Masonville, and that experiments be made there with the first small quantity of sewage pumped, to determine the possibility of successfully treating it by the septic tank method. The building of lateral sewers in the city can be continued while the experiments are in progress. If they should prove a failure, force mains from the pumping station can be continued to the filtration beds at Glen Burnie, and the building of high level interceptors and gravity mains to the same point can be proceeded with. Realizing the posibility of the failure of the septic tank method, we have made our estimate of the amount to be named in the enabling act on the basis of the more expensive method of disposal of sewage by filtration at Glen Burnie. If the septic tank treatment is a success, the cost of the gravity and force mains from Masonville to Glen Burnie, and the cost of filtration beds would be saved. Complete septic tanks would, however, have to be built, but the cost of these would be so much less than the two above mentioned items that the cost of the complete system would only be $10,000,000, or $2,000,000 less than with the filtration system.

As to the details of our estimate, I beg to submit the following explanation:

The cost of these details was taken from the report of old Sewerage Commission. Their estimate was based on the assumption that the amount of sewage collected per capita would be 125 gallons per day, and that the population of this city would increase to 1,000,000 by the year 1930. The sizes of all intercepting and main sewers, of all machinery, of the force and gravity mains and filter beds were fixed on the basis of that assumption, and the estimated cost given by them is for a complete system for 1,000,000 population. In view of the uncertainty